FIG. 1

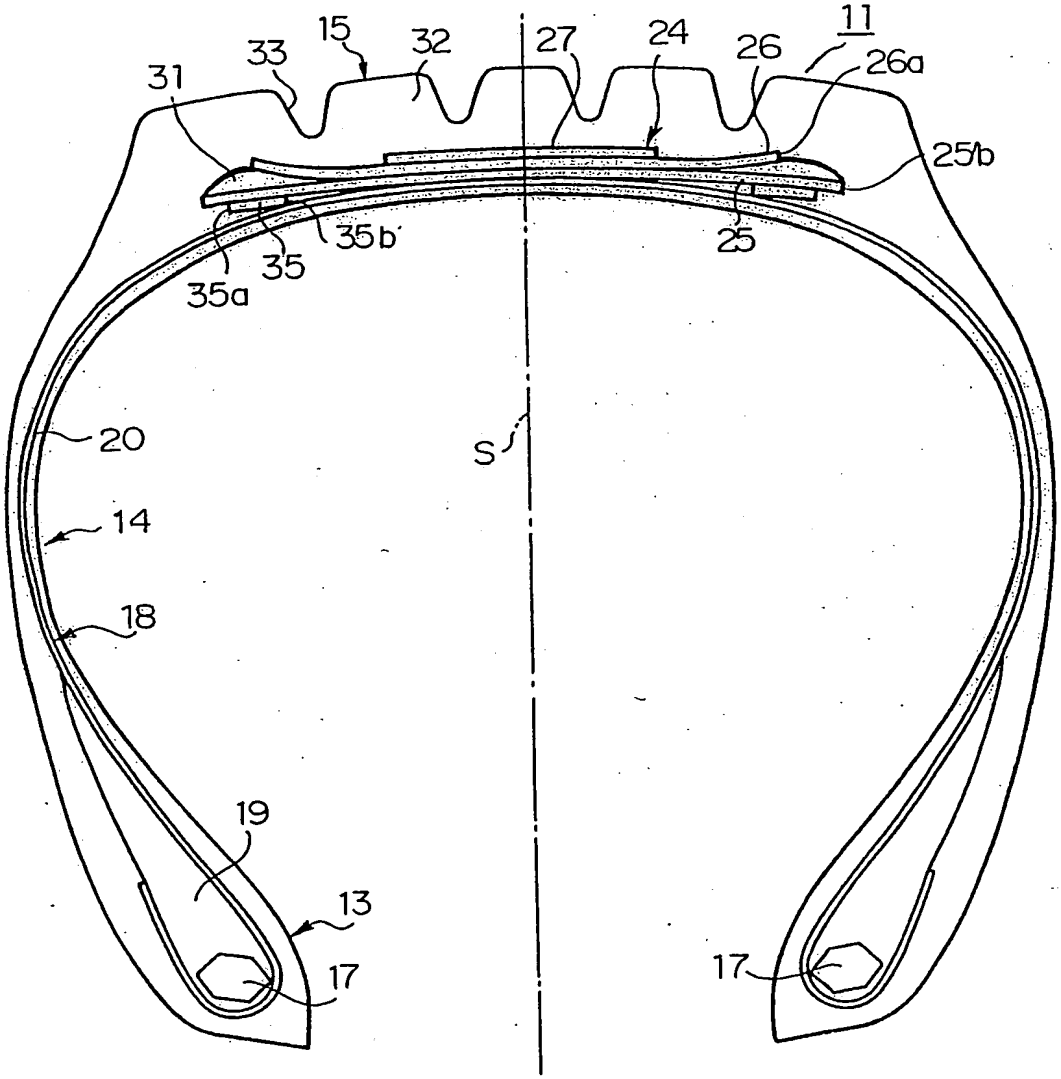


FIG_2

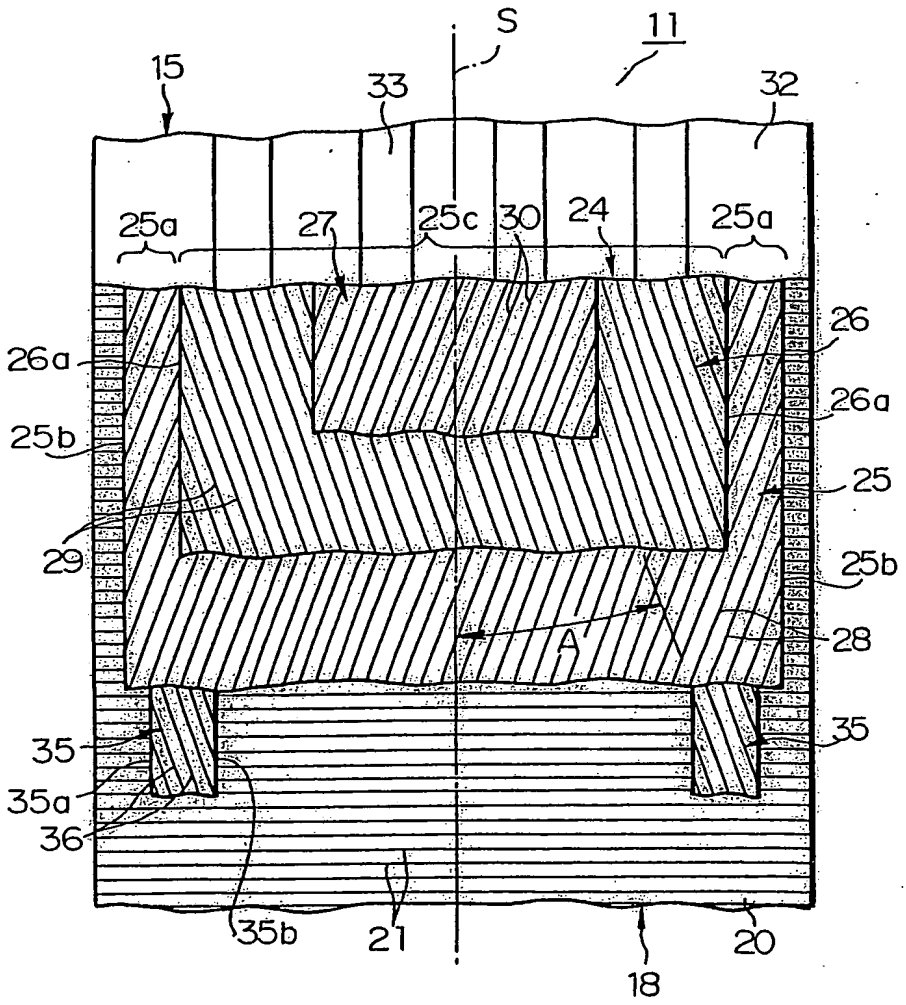

S
11
15
33
32
25a
27
25c
30
24
25a
26
26a
26a
25b
25
29
25b
28
A
35
35
35a
36
35b
21
18
20

FIG_3

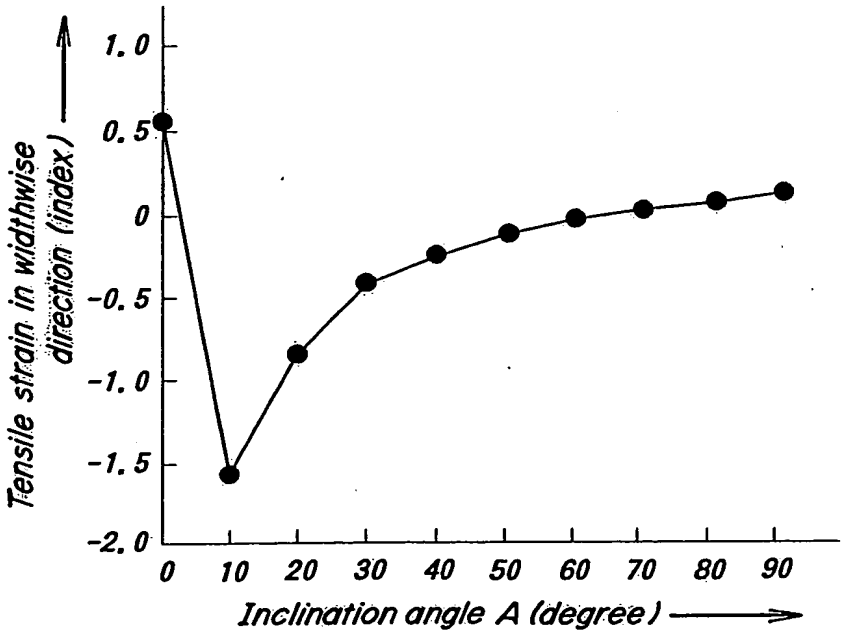

Tensile strain in widthwise direction (index)
1.0
0.5
0
-0.5
-1.0
-1.5
-2.0
0
10
20
30
40
50
60
70
80
90
Inclination angle A (degree)

FIG_4

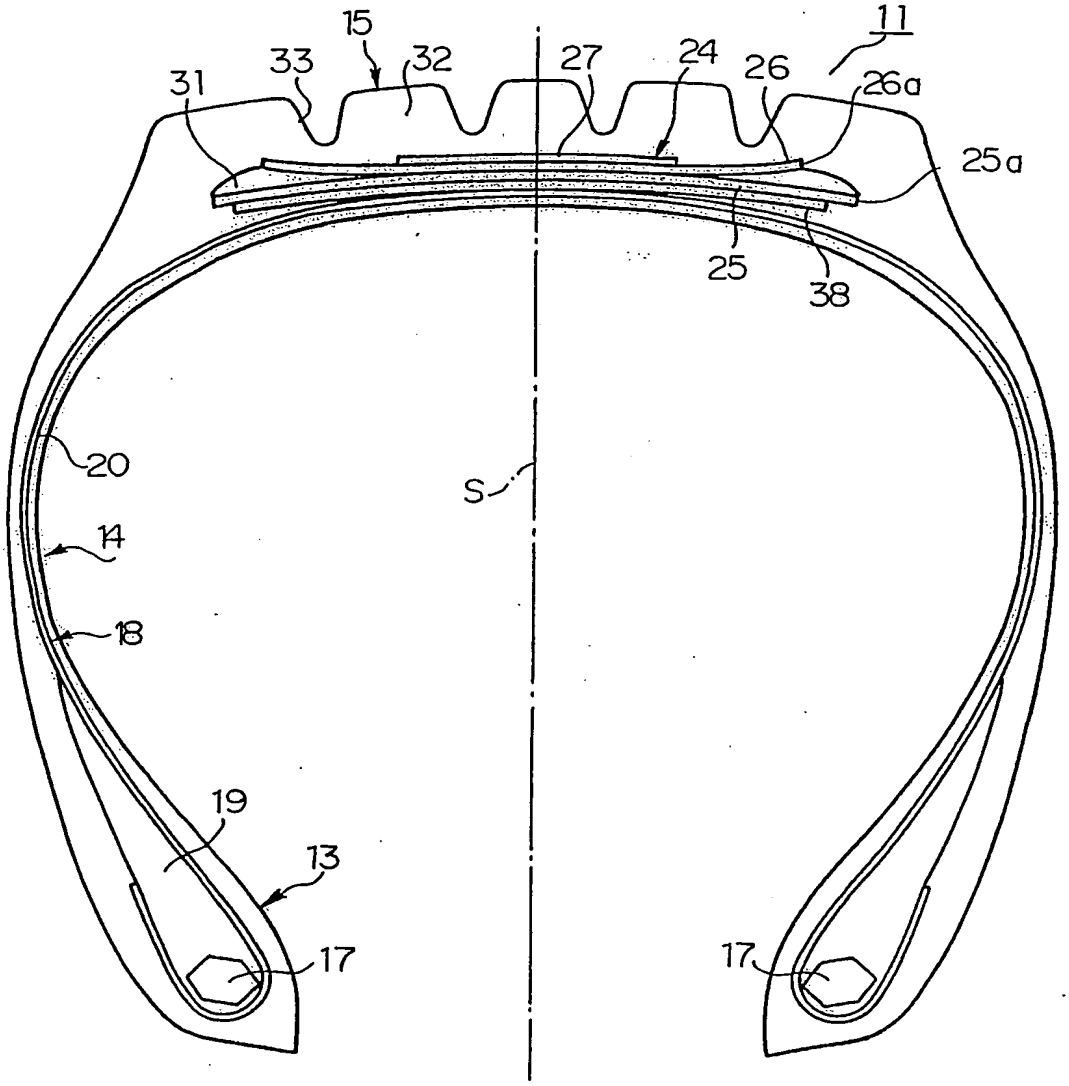


FIG_5

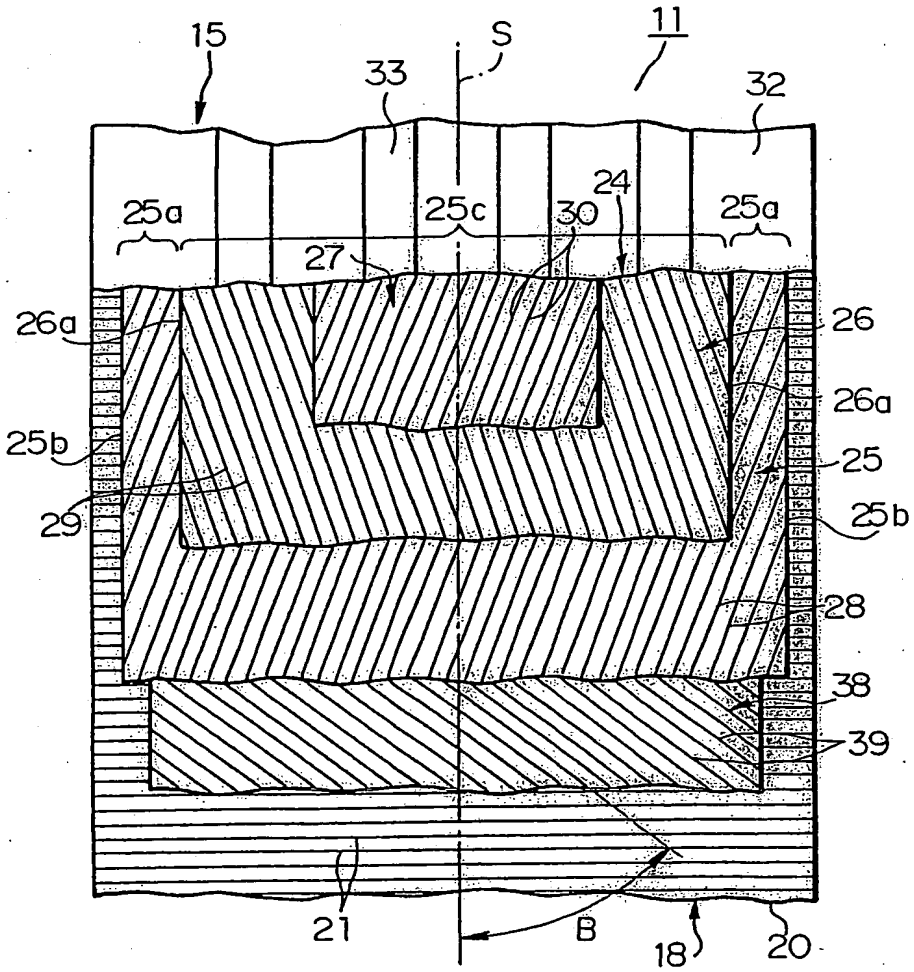

15
S
11
33
32
25a
25c
30
24
25a
27
26a
26
26a
25b
25
29
25b
28
38
39
21
B
18
20

FIG_6

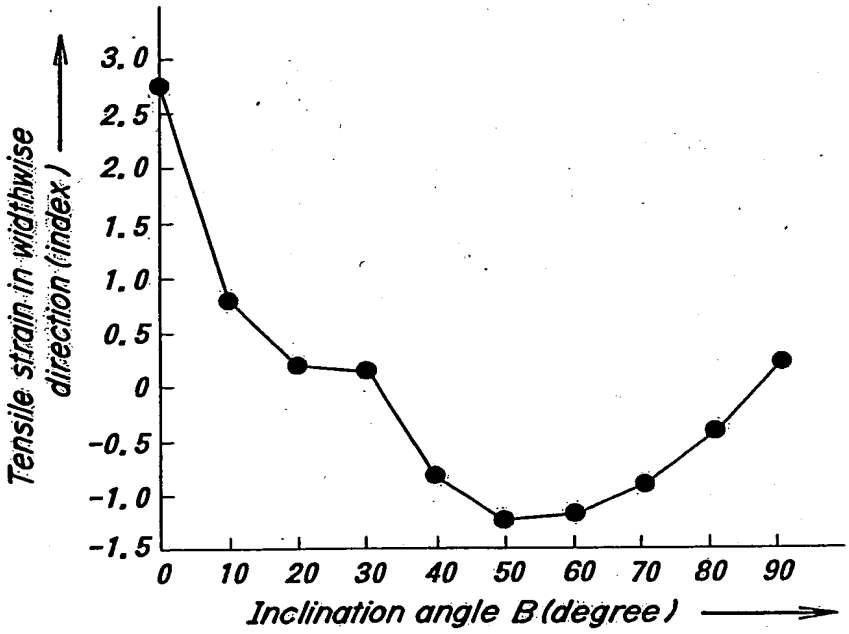

Tensile strain in widthwise direction (index)
3.0
2.5
2.0
1.5
1.0
0.5
0
-0.5
-1.0
-1.5
0
10
20
30
40
50
60
70
80
90
Inclination angle B (degree)

FIG_7

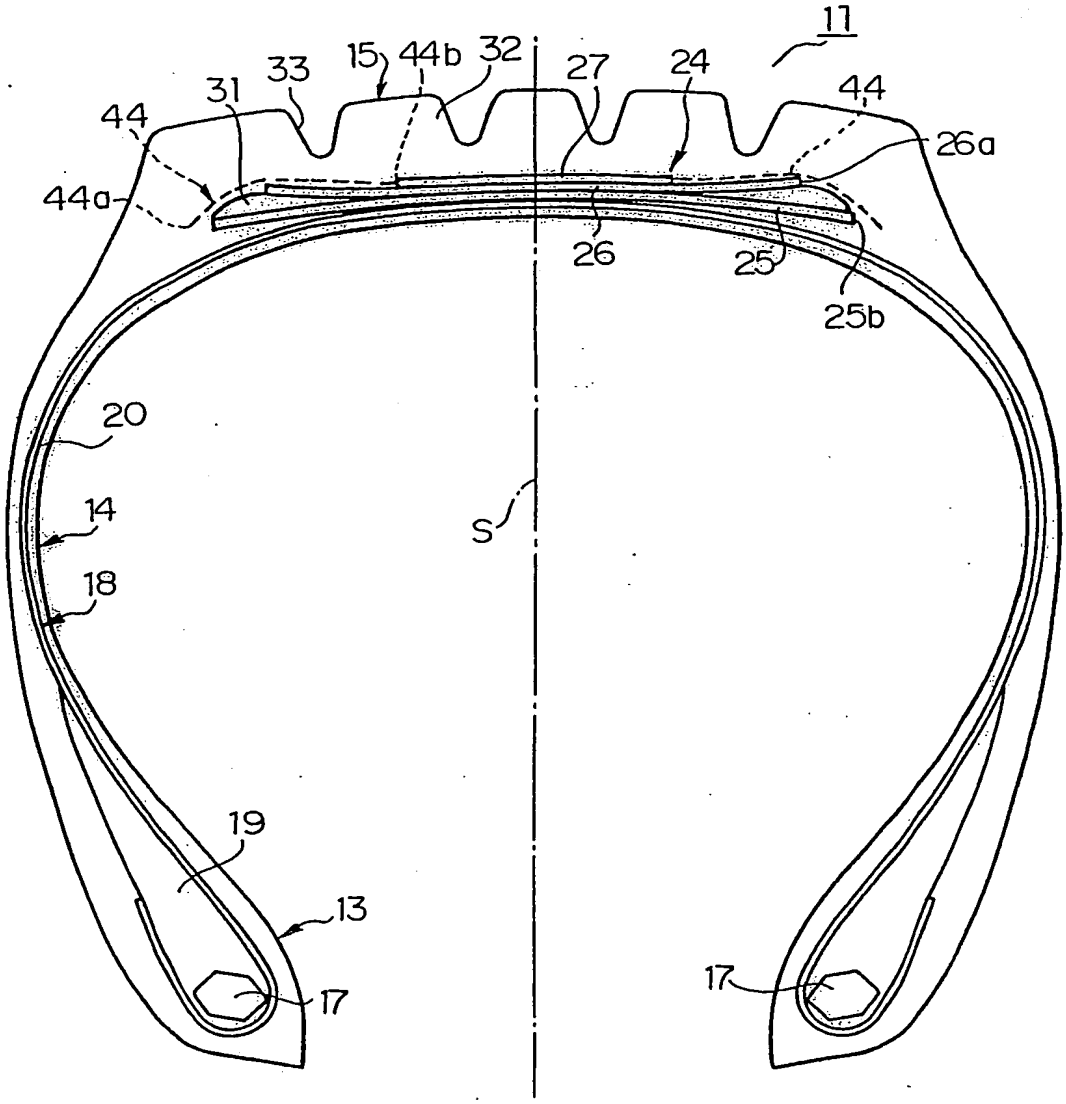
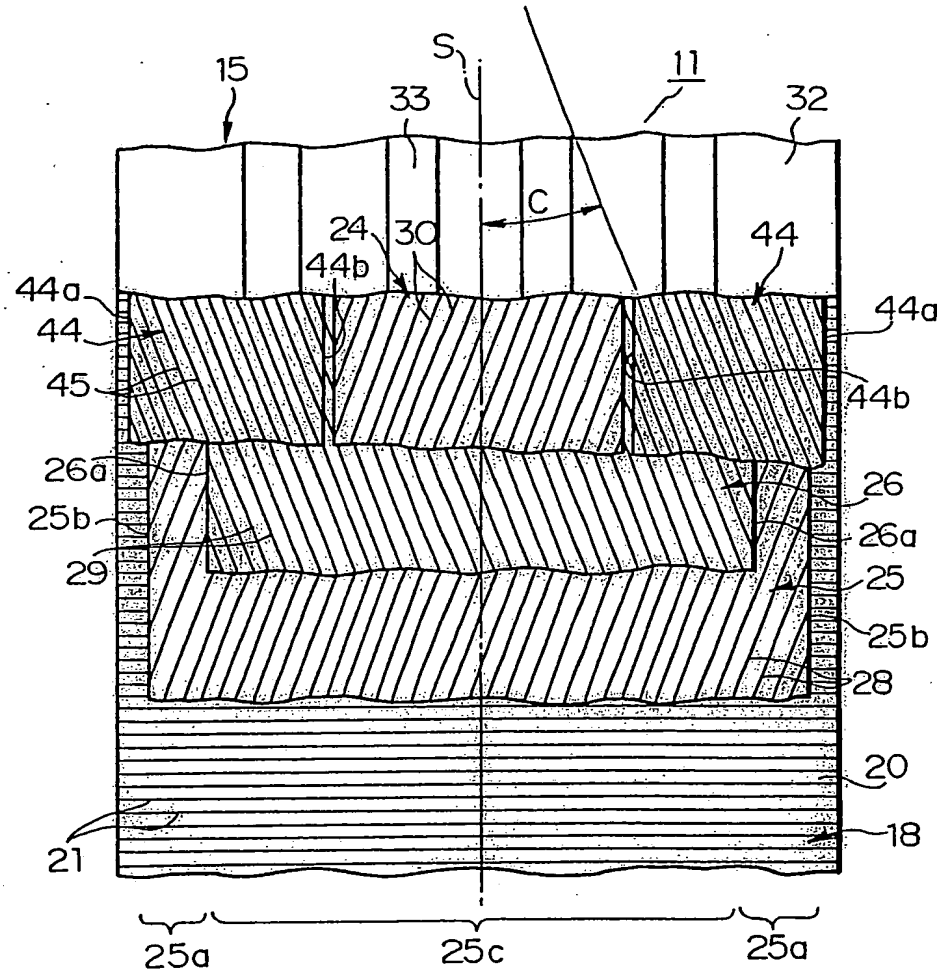
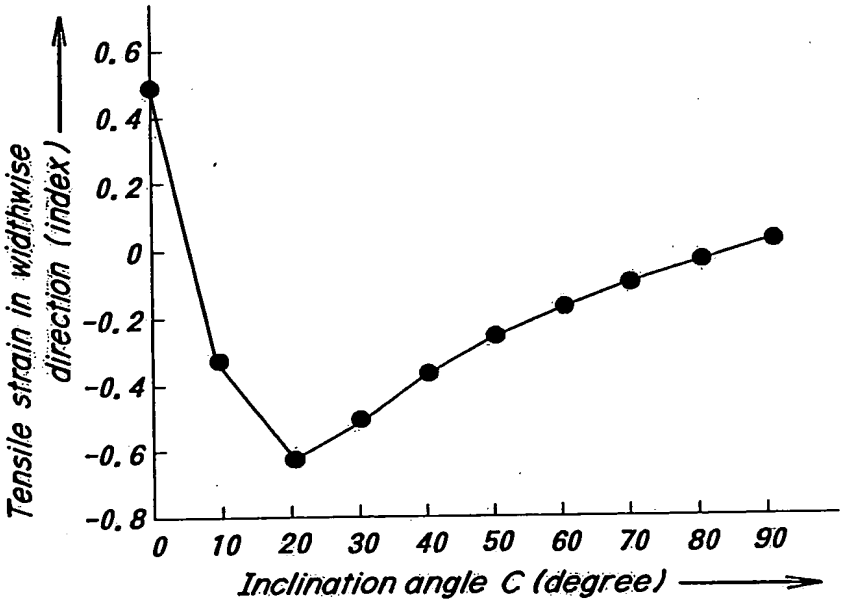


FIG_8


S
15
11
33
32
C
24
30
44b
44
44a
44a
44
45
44b
26a
26
25b
26a
29
25
25b
28
20
21
18
25a
25c
25a

9/9

FIG_9


Tensile strain in widthwise direction (index)
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
0
10
20
30
40
50
60
70
80
90
Inclination angle C (degree)